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The headings are arranged in alphabetical order, which admittedly separates related subjects in an arbitrary manner. However, a list of all the headings employed, grouped into sections by subject on the same basis as the arrangement used in the monthly issues of Science Abstracts, is given at the end of the Index, and the reader is recommended to inspect this list before commencing a search, so that all the headings appropriate to his subject may be noted. In addition to this list, numerous cross-references are provided to direct attention to relevant headings. All the headings in current use are printed in the Index, even if there are no abstracts to be recorded under some of them in the present volume; these headings are followed by the announcement "No entries this year". This has been done to maintain the continuity of the Index from year to year; except for the removal of obsolete headings for which there is no longer any need, and the introduction of new headings as the development of the subject demands, the same collection of headings is used each year.

The subdivisions of the main headings are indented and commence with a small letter. In addition, minor groupings of entries have been made by further indentation, under an introductory entry whose first phrase is intended to be repeated before each of the following indented entries. These phrases, however, should not be regarded as true "headings" in the sense of containing under them references to all the information available on their particular subject; further references may be given elsewhere in the same column under a different phrase.

As in previous years, names of substances have been included as headings in the Subject Index, instead of being formed into a separate Substance Index; under these headings, as well as under the appropriate "subject" headings, are listed any abstracts which contain significant physical information about the named substance, except information of the type which can be found under the following headings:

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Entries under these headings are themselves arranged in alphabetical order of substance (or nuclide) names, and no additional entries are made under the substance names.

A further condensation to simplify consultation of the Index is the grouping of compounds of the elements under single headings, e.g. "Sodium compounds", and similarly with "Organic compounds" and "Alloys". There are a few special cases (e.g. "Water", "Quartz") which are indicated by cross-references and included in the List of Headings at the end of the Index.

Suggestions for the extension and improvement of the Index will be welcomed by the Editor.

An asterisk (*) following an Abstract Number indicates that an Erratum or Correction will be found in the list of Errata (see Contents list of volume).

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- Dosimetry

TECHNIQUE. MATERIALS

TECHNIQUE

Biological technique
Chemical technology
Metallurgy
Low-temperature technique
Vacuum technique

PHOTOGRAPHY

Photography
  applications
  colour
  high-speed
  infrared
Particle track photography
Lenses
  photographic
Cameras
Photographic light sources
Photographic materials
  sensitivity
Photographic process
  development
Densitometry
Radiography
  accessories
  microradiography
Cinematography
  high-speed

MATERIALS

Deuterium
Tritium
Air
Ozone
Liquid helium
Ice
Steam
Water
Seawater

Alloys
Metals
Dielectrics
Semiconductors
Semiconducting materials

Steel
Fibres
Paper
Wood

Diamonds
Graphite

Glass
Glass-metal seals
Jewels
Mica
Optical materials
Quartz
Rochelle salt

Bitumen
Ceramics
Coal
Concrete
Clay
Sand
Soil

Bone
Blood
Gelatin
Leather
Proteins
Rubber
Waxes
Plastics
Polymers

The chemical elements are listed by name, followed by their compounds. Organic compounds are grouped under the heading "Organic compounds". In addition there are also the following special substance headings:

Alkali metals
Alkali metal compounds
Alkali earth metals
Alkali earth compounds

Alloys
Rare earth metals
Rare earth compounds

See also the introduction at the beginning of the Subject Index.

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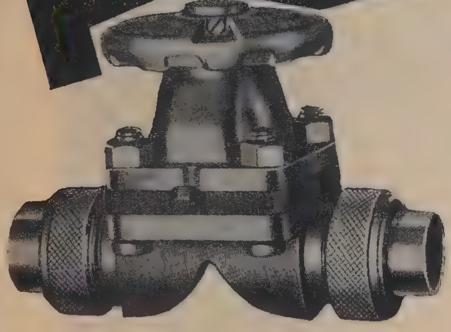

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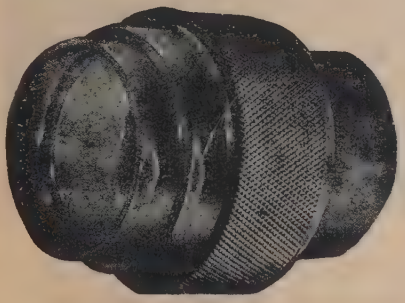

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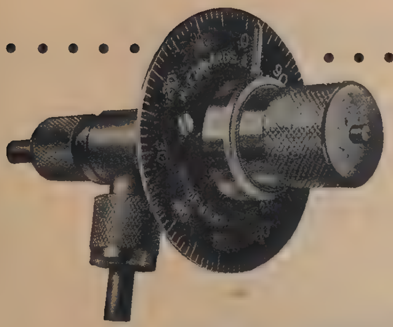

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LIST OF JOURNALS

The following list supplements the Lists of Journals published with the January number of Volume 56 (1953) and the Supplements published with the Indexes to Volumes 56 (1953), 57 (1954) and 58 (1955). Copies of the numbers containing these lists can be obtained from The Institution of Electrical Engineers, Savoy Place, London, W.C.2.

The addresses given are believed to be correct at the date of publication, but no responsibility can be accepted for errors.

NEW JOURNALS

Elect. Energy	Electrical Energy. Morgan Brothers, 28 Essex Street, Strand, London, W.C.2. Monthly. Vol. 1, No. 1 dated Sept., 1956. Annual subscription: Home and Overseas, £1.16s.0d.; U.S.A. and Canada, $5.00.
Nuclear Sci. Engng	Nuclear Science and Engineering. Journal of the American Nuclear Society. Publishers: Academic Press, 125 East 23rd Street, New York 10, N.Y. Vol. 1, No. 1 dated March, 1956 (6 issues) subscription $10.00, single issues $2.00.

ERRATA

Abstr. 4408 (1954) line 6 : after "4731" insert "(1953)".
Abstr. 2737 (1955) line 2 : for "sulphate" read "sulphide".
Author Index (1955) p. 1332, column 1, Buttler, W.M. and Muscheid, W.:
for "sulphate" read "sulphide".
Abstr. 1083 (1956) line 3 : for "J.Monfils" read "A.Monfils".
Abstr. 1424 (1956) line 3 : insert authors "K.Venkateswarlu and S.Sundaram".
Abstr. 7298 (1956) line 2 : for "B.H.Grechushnikov" read "B.N.Grechushnikov".
Abstr. 7437 (1956) line 7 : for "$\vec{v}$grad F" read "$\vec{v}$. grad F",
line 19 : for "$\vec{E}_0$" read "E_0".
Abstr. 7898 (1956) line 3 : for "I.H.Blifford" read "I.H.Blifford, Jr."
Abstr. 8223 (1956) line 2 : for "A.J.Akhiezer" read "A.I.Akhiezer".

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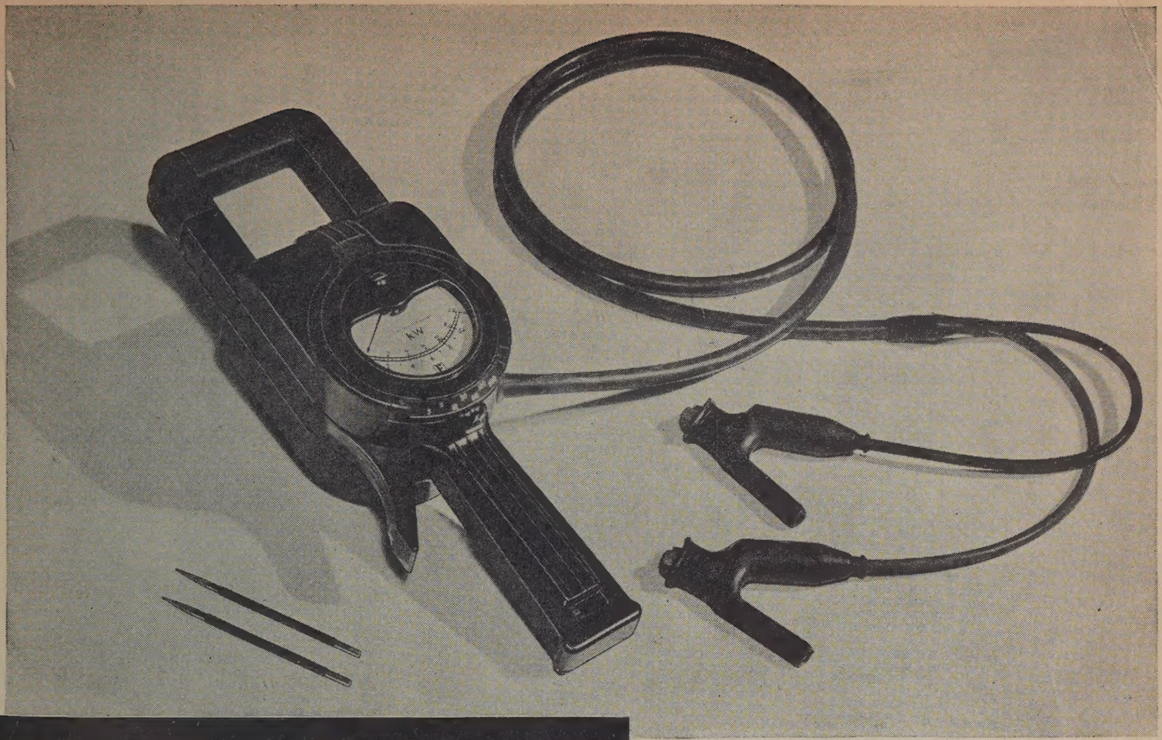

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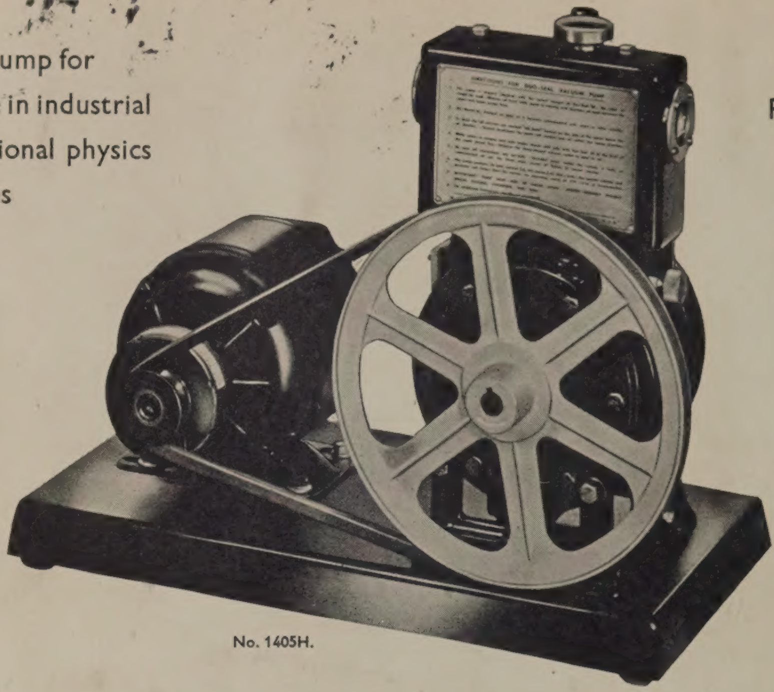

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